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JUDUL: STOCKIST POS e-COMMERCE (sPOSe)


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Tarikh: ¹/⁰⁴/2008

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STUDENT : ................................................ Date : 28/04/2008
(MD. YUNUS BIN MOHD SAPI)

SUPERVISOR : ........................................ Date : 28/04/2008
(PN ZARITA BTE MOHD KOSNIN)
DEDICATION

To my beloved family members...
ACKNOWLEDGEMENT

Thankfully to ALLAH, for giving the opportunity to successfully complete this PSM project. Without HE, I might not complete this report and the PSM for this semester.

Secondly, I would like to express my greatest appreciation to Pn Zarita Bte Mohd Kosnin, respective invaluable supervisor for my PSM. There is no better word to convey to this special person except thousands of ‘thank you’ for the support and guidance throughout this project. Although my documentation may have many mistakes, you carefully read it and mark them.

Last but not least, to my friend and my housemate that have helped me to improve my vocabulary and grammar, and giving me some useful idea and information on my project. Your help are precious, thank you for your encouragement and support.

Lastly, to all person that have helped me. Thank you very much for the support, knowledge and kindness in helping me.
Tajuk yang dicadangkan dan yang akan dibangunkan ini adalah berkenaan dengan pengurusan jualan produk di stokis DCL. Cadangan kajian ini dijalankan adalah kerana pegurusan jualan sedia ada menggunakan kaedah tradisional iaitu secara manual yang menggunakan banyak masa untuk menjalankan sesuatu operasi. Satu perubahan dirasakan perlu memandangkan DCL adalah satu syarikat yang mendapat sambutan tinggi dikalangan ahlinya. Maka, atas sebab inilah satu perubahan dirasakan perlu ke atas pegurusan jualan produknya bagi memastikan pegurusan DCL terus lancar dan tidak menghampakan ahli mereka. Syarikat-syarikat sciringan yang lain seperti Am-way, CNI dan lain-lain lagi, telah pon menggunakan system bagi mengurus stokis-stokis mereka. Tujuan bagi projek ini adalah untuk menghasilkan satu system yang dapat membantu melancarkan pegurusan jual beli produk di stokes DCL.
ABSTRAK

Tajuk yang dicadangkan dan yang akan dibangunkan ini adalah berkenaan dengan pengurusan jualan product di stokis DCL. Cadangan kajian ini dijalankan adalah kerana pegurusan jualan sedia ada menggunakan kaedah tradisional iaitu secara manual yang menggunakan banyak masa untuk menjalankan sesuatu operasi. Satu perubahan dirasakan perlu memandangkan DCL adalah satu syarikat yang mendapat sambutan tinggi dikalangan ahlinya. Maka, atas sebab inilah satu perubahan dirasakan perlu ke atas pegurusan jualan produknya bagi memastikan pegurusan DCL terus lancar dan tidak menghampakan ahli mereka. Syarikat-syarikat seiringan yang lain seperti Am-way, CNI dan lain-lain lagi, telah pon menggunakan system bagi mengurus stokis-stokis mereka. Tujuan bagi projek ini adalah untuk menghasilkan satu system yang dapat membantu melancarkan pegurusan jual beli produk di stokes DCL.
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CHAPTER I

INTRODUCTION

1.1 Introduction

This chapter explain briefly all the processes in Stockist POS e-commerce system. The developer must recognize the problem of the current system by doing some research. Then the developer can state the objectives of the system which are solutions of the system. The system scope such as the category of uses, modules and functions of this system will be identified. Generally, the developer must identify the project significance to the end users and the area of research and the expected output as conclusion.

1.2 Project Background

DE CLASSIC LIFE (M) SDN BHD (DCL) is a Malaysian company doing multilevel marketing. A stockist decides to promote and sell DCL product using online business (e-commerce). There are many content management systems (CMS) like Joomla, PhpNuke and ZenCart at the market which can develop an interesting web page with shopping cart function but they do not meet the stockist requirement. Stockist POS e-commerce is the proposed solution to the stockist’s need. It is a point of sales system that manages daily retail and record the stockist inventory of product.
Besides the need of this stockist also needs a personalized web page system to manage his product stock and daily retail at his stockist centre. Like others Point of Sale (POS) system, this system will be having the basic POS system which will be suitable for the stockist requirement. It also will have DSS (decision support system) to alert the staff when the product stocks has nearly reached the minimum limit. The system also can generate stock report and sales report via direct sale at the stockist counter.

The product data base will be update after each purchase (direct buy at counter or online purchase) process or for each time the product is being stock in. So this system will combine on-line business (e-commerce) and POS system to manage product stock and daily retail.

1.3 Problem statement

After doing some research about POS Stockist management, e-commerce and conversations with DCL stockist staff, there are some problems occurred from the current system which are stated as below :-

1.3.1 No computerize record for the product stock in the stockist

The main problem in the current system is that the products are still manually recorded. Therefore all the related report, like current product balance, sale report, product report, customer report and so on will take time to be generated.

1.3.2 No computerize system to handle daily retail in the stockist centre

This stockist sells the product manually. Each of his staff needs to manually record the purchase, check the capability of the product before selling it, manually
count the product price, customer point when buying the product and others. Therefore this current process requires more time, and more staff to handle.

1.3.3 Staff and customer information are manually handled and recorded

The stockist has a few of staffs to run the stockist centre process. And has many customer (basically know has downline) who buy the product. Unfortunately they still manually record their staff and customer information. All his customers’ purchases were recorded manually, therefore making it difficult for the staff to count the customer PV (point).

1.3.4 Current system does not have decision support system (DSS)

Since all activity was conducted manually, there is no decision support system that can help staff to remind if the stock quantity nearly reaches its minimum. These jobs are frequently conducted by staff, but as we know some times peoples make forget or make mistake.

1.3.5 No e-commerce web for online purchase

Since all purchases and product stock management are manually recorded, therefore there is no database for the products and the stockist can’t sell the products through internet. Besides that the DCL main company is just using a static web page for promoting the product and no online purchase method on their web.
1.4 Objective

There are a few objectives of Stockist POS e-commerce system. The objectives of this system are identified to overcome the problems discussed earlier. The objectives are stated as below:

1. To record the stock information and keep the data in the database
   - Runs key reports to track business performance
   - Tracks product stock (quantity), sales and customer info
2. To develop a system that has decision support system (DSS), where can help user organize his stockist centre. This DSS will alert the user when the product in the stockist has reached the limit.
3. To handle and record staff and customer information
   - Staff registration and customer point (PV) calculation.
4. To monitor and handle daily retail in the stockist.
   - Processes credit and debit
5. To make on line sales (e-commerce)
   - Online purchase whether booking method or online payment (account transfers)

1.5 Scope

Basically, this system involve by three levels of user, administrator, staff and customer. Below, show the details for every module function.

1. Administrator

   Administrator duty in order to create, add, deleting and setting the user access level for the user of the system. Admin also use this system to view sales report and other.

2. Staff
The system will be used by the stock-in staff and front desk staff. The staff will use this system to view customer order, stock report, company product detail, change system certain file exp: - product image and product detail on web site, and make a sales to customer.

3. Customer (online user)
   Normal customer just got viewing function only. For registered customer they can use booking function or buy the product using e-commerce method.

Modules:

1.5.1 Log in module

This module will be use by administrator, staff and online customer. For a security reason, all user need to be login before can use the system. The system will validate the user id and password give by user with the database.

1.5.2 Record customer and staff module

This module will be use by staff and admin to record customer and staff information. The administrator is the only one that can register their staff. All staff that needs to use this system must be registered by the administrator. Customers that buy product at the stockist and need to be a member are registered by the stockist staff.

At this module, user (admin and staff) can search customer and staff information. This module also allows staff to update their own info or customer info.
1.5.3 Record product module

This module will be use by staff to manage product in the stock. Staff will key in the product info, like price, info, point, discount margin if applicable and others. The system will alert and suggests the staff when the product stocks achieve has reached the limit. Staff also can search, update and register new product at this module. When the stock was arrive from the head quarter all the product quantity and info will be recorded using this module.

1.5.4 Record daily retail module

This module will be use by staff at the stockist counter. When the members or customers purchase product from the stockist, staff at the counter will use this system to record the customer purchase and check the availability of the product. The system also will calculate the total product price, and total point that the customer gets.

1.5.5 Online purchase module (e-commerce)

This module will be used to attract customer to buy the product. This module functions as sales pages for this system. It’s contained more information about product like price, info, product point and others. Customer need to be register before can buy or booking the product. The system will calculate the product price and customer PV point after the product was selected.

1.5.6 Generate report module

This module will be used by admin and staff to runs key reports to track business performance. The system will analyze data from the database and produce the report.
1.5.3 Record product module

This module will be used by staff to manage products in the stock. Staff will key in the product info, like price, info, point, discount margin if applicable and others. The system will alert and suggest the staff when the product stocks achieve has reached the limit. Staff also can search, update and register new product at this module. When the stock was arrive from the head quarter all the product quantity and info will be recorded using this module.

1.5.4 Record daily retail module

This module will be used by staff at the stockist counter. When the members or customers purchase product from the stockist, staff at the counter will use this system to record the customer purchase and check the availability of the product. The system also will calculate the total product price, and total point that the customer gets.

1.5.5 Online purchase module (e-commerce)

This module will be used to attract customer to buy the product. This module functions as sales pages for this system. It's contained more information about product like price, info, product point and others. Customer need to be register before can buy or booking the product. The system will calculate the product price and customer PV point after the product was selected.

1.5.6 Generate report module

This module will be used by admin and staff to runs key reports to track business performance. The system will analyze data from the database and produce the report.